

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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IN REPLY PLEASE
REFER TO FILE: C-1

October 7, 2008

The Honorable Board of Supervisors County of Los Angeles 383 Kenneth Hahn Hall of Administration 500 West Temple Street Los Angeles, CA 90012

Dear Supervisors:

CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS (SUPERVISORIAL DISTRICTS 1, 3, AND 5) (3 VOTES)

SUBJECT

This action is to approve changes in work and the increased contract amounts for public works construction contracts in the Studio City community of the City of Los Angeles; the Cities of Arcadia, Claremont, Covina, Huntington Park, Industry, Irwindale, La Puente, Pomona, San Dimas, and West Covina; the unincorporated communities adjacent to the City of West Covina, and in the unincorporated communities of Altadena, East Los Angeles and Florence.

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the increased contract amounts and the changes for the following construction contracts:

 Project ID No. RDC0011226 - Altadena Drive, et al., to reconstruct roadway, unincorporated community of Altadena (5), Sequel Contractors, Inc., for variations in bid quantities, asphalt concrete removal, reconstruction of a driveway, catch basin installation and additional office facilities, with an increase in the contract amount of \$190,336.89.

- Project ID No. RDC0014629 Florence Avenue, et al., to construct curb, gutter, sidewalk, curb ramps, driveways, and drainage structures; reconstruct roadway; modify traffic signals; and install street lights and striping and pavement markings, in the unincorporated community of Florence-Firestone and City of Huntington Park (1), Bannaoun Engineers Constructors Corporation, for variations in bid quantities, field office, cold mill additional pavement, double adjust manhole, additional concrete, install additional conduits, wires, and mast arms, with an increase in the contract amount of \$116,451.13.
- Project ID No. RDC0014643 Cesar Chavez Avenue, to construct street lighting conduits, in the unincorporated community of East Los Angeles (1), California Professional Engineering, Inc., for connecting conduits to existing electrical vaults, with an increase in the contract amount of \$20,000.00.
- Project ID No. RDC0014821 Fullerton Road at Los Palacios Drive, et al., to modify traffic signals, Cities of Arcadia and Industry (1 and 5), CSI Electrical Contractors, Inc., for variations in bid quantities, potholing, providing and installing additional cables, relocation of traffic signal standards, and modifying foundation, with an increase in the contract amount of \$30,249.00.
- Project ID No. TSM0010167 Irwindale Ave, et al., to modify and synchronize traffic signals, in the unincorporated communities adjacent to the City of West Covina and the Cities of Industry, Irwindale, La Puente, Claremont, Covina, Pomona, and West Covina (1 and 5), Terno, Inc., for variations in bid quantities, removal of pole foundations, and installation of a temporary signal, with an increase in the contract amount of \$18,613.85.

IT IS RECOMMENDED THAT YOUR BOARD ACTING AS THE GOVERNING BODY OF THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT:

Find that the requested changes in work have no significant effect on the environment and approve the increased contract amounts and the changes for the following construction contracts:

 Project ID No. FCC0000994 - Los Angeles River Low-Flow Channel Repair, to repair a low-flow channel in a riverbed, in the Studio City community of the City of Los Angeles (3), Dalaj International Corp., for variations in bid quantities, additional concrete and dowels, modifications to the water diversion, and repairs to vertical joints with an increase in the contract amount of \$79,216.30.

- Project ID No. FCC0001048 Puddingstone Dam and Reservoir Slope Restoration and Protection, to restore a rock slope on the face of a flood control dam, in the Frank G. Bonelli Regional County Park located within the City of San Dimas (5), R.C.C., for various miscellaneous changes required to complete the work as intended, with a contract increase amount of \$127,486.60.
- Project ID No. WRDD000015 Puddingstone Dam and Reservoir Waterline Relocation Project, to construct 6-inch and 10-inch waterlines and pipe supports, City of San Dimas (5), Garcia Juarez construction, Inc., for the increase in cost of pipe materials upgrade, with an increase in the contract amount of \$92,619.00.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to obtain your Board's approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the attachment for each contract.

The Acting Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Attached for your authorization are changes in work in excess of my delegated limits, which are required to complete Project ID Nos. RDC0011226, RDC0014629, RDC0014643, RDC0014821, TSM0010167, FCC0000994, FCC0001048, and WRDD000015.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provision of Service Excellence (Goal 1) and Community Services (Goal 6). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected communities.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amounts for these contracts range from increases of \$18,613.85 to \$190,336.89.

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Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the attachments.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Acting Director of Public Works or his designee.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the attachments do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the attachments.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

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CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

Respectfully submitted,

TAVIICE V. W. M. M. W. DEAN D. EFSTATHIOU

Acting Director of Public Works

DDE:JTS:ss

Attachments (8)

c: Chief Executive Office (Lari Sheehan)
County Counsel
Office of Affirmative Action Compliance

<u>PROJECT ID NO. RDC0011226 - ALTADENA DRIVE, ET AL.</u> (in the unincorporated community of Altadena), Supervisorial District 5, Contractor: Sequel Contractors, Inc.

Project Description:

Reconstruction of roadway pavement, curb and gutter, sidewalk, and driveways; construction of bus pads and curb ramps; modification of traffic signals; striping and pavement markings; and other appurtenant work.

Changes in Work:

(1)	Variations in Bid Quantities	\$151,602.45
(2)	Asphalt Concrete Removal	13,701.00
(3)	Reconstruct Driveway	6,307.53
(4)	Catch Basin	14,425.91
(5)	Additional Office Facilities	4,300.00
	Total	\$ <u>190,336.89</u>

- (1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.
- (2) Your Board previously approved a change in work to install concrete sidewalk and curb and gutter instead of asphalt concrete. The cost of this work will exceed the original estimate by the amount shown.
- (3) It will be necessary to remove and reconstruct the driveway at the entrance to the Los Angeles County Sheriff's Station at Altadena Drive and Fontanet Way to eliminate the condition that causes vehicles to scrape. This work is not shown on the plans.
- (4) It will be necessary to install a new catch basin and reinforced concrete pipe on the south side of Altadena Drive east of Santa Rosa Avenue in order to properly drain storm water runoff. This work is not shown on the plans.

(5) Due to extra work performed and the stoppage of work during the holiday season, the contact duration was extended. It will be necessary to compensate the contractor for maintaining office facilities for the extended period.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2 and 3 will be based on time and materials as provided in Subsection 3-3 of the contract specifications. The costs for Items 4 and 5 were negotiated as provided in Subsection 3-2 of the contract specifications.

Eleven additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Fiscal Year 2008-09 Proposition C Local Return Fund and Road Fund Budgets.

Revised Contract Amount:

Original contract amount	\$2,192,114.00
Changes in work previously	
approved by your Board	148,357.00
Changes in work to be authorized	<u> 190,336.89</u>
Revised contract amount	\$2,530,807.89

RE:en

PROJECT ID NO. RDC0014629 - FLORENCE AVENUE, ET AL. (in the unincorporated community of Florence-Firestone and City of Huntington Park), Supervisorial District 1, Contractor: Bannaoun Engineers Constructors Corporation

Project Description:

Construction of curb and gutter, sidewalk, curb ramps, driveways, and drainage structures; reconstruction of roadway pavement; modification of traffic signals; and the installation of street lights and striping and pavement markings.

Changes in Work:

		4
(1)	Variations in Bid Quantities	\$ 77,372.63
(2)	Cold Mill AC Pavement	10,800.00
(3)	Double Adjust Manhole	3,000.00
(4)	Additional Concrete	4,378.50
(5)	Supply and Install Wire #10	4,250.00
(6)	Delay Cost Increases	15,650.00
(7)	Modify Traffic Signal Foundation	2,500.00
(8)	Furnish and Install Mast Arms	8,000.00
(9)	Negotiated Deductions	(9,500.00)
	Total	\$ <u>116,451.13</u>

- (1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.
- (2) It will be necessary for the contractor to cold mill existing pavement at Florence Avenue from Alameda Street to Roseberry Avenue to meet the intent of the design.
- (3) It will be necessary for the contractor to adjust an additional manhole to match the pavement elevation. This work is not shown on the plans.

- (4) To meet the intent of the design, it will be necessary for the contractor to reconstruct several 4-inch thick concrete driveways with 6-inch thick concrete.
- (5) It will be necessary for the contractor to supply and install wiring for the traffic signals. This is not included in the original contract.
- (6) Because the construction schedule was delayed to allow for the relocation of interfering utilities, it will be necessary to compensate the contractor for the increase in asphalt material costs and additional mobilization.
- (7) It will be necessary for the contractor to modify the traffic signal pole to avoid overhead utility lines. This work is not shown on the plans.
- (8) It will be necessary for the contractor to furnish and install traffic signal mast arms for street names and sign mounting brackets. This work is not shown on the plans.
- (9) Several minor revisions to plans reduced the contractors scope of work, and a credit for the cost savings was negotiated.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2, 3, 4, 5, 6, and 9 will be negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 7 and 8 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Thirty-one additional working days will be required because of these changes.

Financial information:

Funding for these changes in work is included in the Fiscal Year 2008-09 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$790,624.60
Changes in work previously approved	
by your Board	38,440.25
Change in work to be authorized	<u>116,451.13</u>
•	
Revised contract amount	\$ <u>945,515.98</u>

PMT:ss

<u>PROJECT ID NO. RDC0014643 - CESAR CHAVEZ AVENUE</u> (in the unincorporated community of East Los Angeles), Supervisorial District 1, Contractor: California Professional Engineering, Inc.

Project Description:

Construction of street lighting conduit.

Change in Work:

Connect New Conduits to Electrical Vault

\$20,000.00

Description of Change:

The configuration of the existing underground electrical vault was not known at the time this project was designed. Once the contractor excavated the vault, it was determined new conduit connections must be made deeper than shown on the plans. The cost for this work was negotiated as provided in Subsection 3-2 of the contract specifications.

No additional working days will be required because of these changes.

<u>Financial Information</u>:

This project is being administered under the Community Development Block Grant Program. Under this program, the County will be reimbursed for the total construction costs using a grant from the Department of Housing and Urban Development.

Funding for this change in work is included in the Fiscal Year 2007-08 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$ 88,996.00
Changes in work previously approved	
by your Board	40,000.00
Changes in work to be authorized	20,000.00
•	
Revised contract amount	\$148,996.00

JFG:ss

PROJECT ID NO. RDC0014821 - FULLERTON ROAD AT LOS PALACIOS DRIVE, ET AL. (Cities of Arcadia and Industry), Supervisorial District 1 and 5, Contractor: CSI Electrical Contractors, Inc.

Project Description:

Modifications of existing traffic signals.

Changes in Work:

(1)	Variations in Bid Quantities	\$ 3,109.00
(2)	Pothole	3,000.00
(3)	Additional Cables	13,820.00
(4)	Relocate Traffic Signal Standards	4,500.00
(5)	Modified Traffic Signal Foundations	<u>5,820.00</u>
	Tatal	#20.240.00
	Total	\$ <u>30,249.00</u>

Description of Changes:

- (1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.
- (2) The contractor was required to do exploratory excavations to confirm the locations of existing utility lines. This work is not shown on the plans.
- (3) It will be necessary to provide and install additional electrical cables to meet the intent of the design. This work is not shown on the plans.
- (4) It will be necessary to temporarily relocate existing traffic signal poles to access the new construction. This work is not shown on the plans.
- (5) It will be necessary to modify the design of the traffic signal foundations that conflict with existing utilities. This work is not shown on the plans.

The costs for Items 1 and 3 will be paid at contract unit prices. The costs for Item 2 will be as stipulated in the Graybook. The costs for Items 4 and 5 were negotiated as provided in Subsection 3-2 of the contract specifications.

Fifty-three additional working days will be required because of these changes.

Financial Information:

Fullerton Road at Los Palacios Drive and Michillinda Avenue at California and Sunset Boulevards will be administered under the Highway Safety Improvement (HIS) Program covered by Agreement No. 76078 with the State of California. Under this program, Federal-aid funds will be used to finance a portion of the project cost.

A portion of the intersection Michillinda Avenue at California and Sunset Boulevards is within the City of Arcadia. On March 20, 2007, your Board authorized the Director of Public Works to negotiate a County-City Cooperative Agreement. The Agreement provides for the County to perform the preliminary engineering and administer the construction of the project under the Federal HIS Program with the City to finance its jurisdictional share of the project.

Funding for these changes in work is included in the Fiscal Year 2008-09 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$154,918.00
Changes in Work to be authorized	<u> 30,249.00</u>
Revised contract amount	\$ <u>185,167.00</u>

PMT:Igm

<u>PROJECT ID NO. TSM0010167 - IRWINDALE AVE, ET AL.</u> (in the unincorporated communities adjacent to the City of West Covina and the Cities of Industry, Irwindale, La Puente, Claremont, Covina, Pomona, and West Covina), Supervisorial Districts 1 and 5, Contractor: Terno, Inc.

Project Description:

Modification and synchronization of traffic signals.

Changes in Work:

` '	Variations in Bid Quantities Signal Pole Foundations and Temporary Signal	\$ 8,130.85 <u>10,483.00</u>
	Total	\$18.613.85

Description of Changes:

- (1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.
- (2) Several interfering traffic signal pole foundations were encountered throughout the limits of construction and must be removed. A temporary signal will be installed at the northwest corner of Indian Hill Boulevard and Bonita Avenue to allow for removal of an existing foundation and construction of a new foundation at the same location. This work is not shown on the plans.

The costs for Items 1 and a portion of the costs for Item 2 will be based on contract unit prices. The balance of the cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications.

Five additional working days will be required because of these changes.

Financial Information:

The project is financed with Los Angeles County Metropolitan Transportation Authority 1999 Call for Projects Proposition C Discretionary Grant Funds for the San Gabriel Valley Forum Improvement Project and County matching funds.

Funding for these changes in work is included in the Fiscal Year 2008-09 Proposition C Local Return Fund Budget.

Revised Contract Amount:

Original contract amount \$ 1,204,228.00
Change in work to be authorized \$ 18,613.85

Revised contract amount \$ 1,222,841.85

AMF:ss

PROJECT ID NO. FCC0000994 - LOS ANGELES RIVER LOW-FLOW CHANNEL REPAIR (in the Studio City community of the City of Los Angeles), Supervisorial District 3, Contractor: Dalaj International Corp.

Project Description:

Repair of a low-flow channel in an existing concrete lined riverbed using reinforced concrete and concrete specific repair products, diversion of water, and other appurtenant work.

Changes in Work:

(1) (2) (3) (4) (5) (6)	Variations in Bid Quantities Additional Concrete Modify Water Diversion Remove Additional Concrete Additional Dowels Vertical Joint Repairs	\$ 3,671.80 9,900.00 31,547.50 9,747.00 14,350.00 4,000.00
(7)	Low Flow Repair Impacts	<u>6,000.00</u>
	Total	\$ <u>79,216.30</u>

- (1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.
- (2) Your Board previously approved a change in work to place additional concrete at various locations in the channel invert to provide adequate cover for the reinforcing steel. The cost of this work will exceed the original estimate by the amount shown.
- (3) It will be necessary to modify the water diversion plan to avoid impacts to a nearby bridge widening project. The work includes preparation of a new water diversion plan, modifying the diversion during construction, and additional materials to implement the new plan. This work is not shown on the plans.
- (4) Additional concrete will be removed from the invert spall repair areas to properly key in the new concrete. This work is not shown on the plans.

- (5) It will be necessary to place additional dowels in the concrete overlay section to properly anchor the new reinforcing steel. This work is not shown on the plans.
- (6) The plans require spall repairs in the channel walls; however, several repair locations are within expansion joints. It will be necessary to compensate the contractor for additional time and materials needed to replace the expansion joints when making the spall repairs. This work is not shown on the plans.
- (7) It will be necessary to compensate the contractor for impacts to its operations for making repairs to the low-flow channel wall while water is flowing in it. The water cannot be diverted since it affects a nearby bridge project.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2 through 7 were negotiated as provided in Subsection 3-2 of the contract specifications.

Seventeen additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Flood Control District Budget for Fiscal Year 2008-09.

Revised Contract Amount:

Original contract amount	\$460,270.00
Changes in work previously approved	
by your Board	15,190.00
Changes in work to be authorized	79,216.30
	
Revised Contract Amount	\$ <u>554,676.30</u>

RA:en

PROJECT ID NO. FCC0001048 - PUDDINGSTONE DAM AND RESERVOIR SLOPE RESTORATION AND PROTECTION (City of San Dimas) Supervisorial District 5, Contractor: R.C.C.

Project Description:

Restoration of a rock slope on the face of an existing flood control dam and other appurtenant work

Changes in Work:

(1)	Variations in Bid Quantities	146,950.00
(2)	Construct Headwalls	5,000.00
(3)	Project Delay on Dam No. 2	5,500.00
(4)	Grout 2-inch Diameter Wells	(50,976.00)
(5)	Cut and Remove 2-inch Diameter Well Pipes	889.60
(6)	Additional Survey Monuments	18,000.00
(7)	California Strong Motion Instrumentation Program System	3,123.00
(8)	Survey Monuments Inserts	(1,000.00)
	Total	\$ <u>127,486.60</u>

- (1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.
- (2) It will be necessary for the contractor to construct two new headwalls and a 18-inch diameter pipe to provide proper drainage to the new slope of Dam No. 3. This work is not shown on the plans.
- (3) It will be necessary to reimburse the contractor for the time delay needed to survey the slope on Dam No. 2. This work is not shown on the plans.
- (4) The work to grout the existing wells was completed by County forces prior to the start of the project. The contractor was informed of the deletion of this work prior to the start of the project.

- (5) It will be necessary to excavate and remove twelve 2-inch piezometer pipes located along the access road for Dam No. 2 that interfere with construction. This work was not shown on the plans.
- (6) It will be necessary to add five additional survey monuments to facilitate future monitoring of the three dams. This work is not shown on the plans.
- (7) It will be necessary to place an additional electrical conduit and two pull boxes at Dam No. 1 as part of the California Strong Motion Instrumentation Program required by the State. This work is not shown on the plans.
- (8) It will be necessary for County surveyors to install 11 brass inserts in existing survey monuments. This work will be deleted from the contract.

The costs for Items 1 and 2 will be based on a time and materials basis as provided in Subsection 3-3 of the contract specifications. The costs for Items 3, 5, 6, and 8, will be based on contract unit prices. The cost for Items 4 and 7 will be negotiated as provided in Subsection 3-3 of the contract specifications.

Eight additional calendar days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Flood Control District Budget for Fiscal Year 2008-09.

Revised Contract Amount:

Original contract amount	\$2,633,590.00
Changes in work previously	
approved by your Board	212,582.56
Changes in work to be authorized	127,486.60
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Revised contract amount	\$ <u>2,973,659.16</u>

JRP:en

PROJECT ID NO. WRDD000015 - PUDDINGSTONE DAM AND RESERVOIR WATERLINE RELOCATION PROJECT (City of San Dimas), Supervisorial District 5, Contractor: Garcia Juarez Construction, Inc.

Project Description:

Construction of 6-inch and 10-inch waterlines, pipe supports, and appurtenances, AC pavement and other appurtenant work.

Change in Work:

Increase in Materials Cost Due to Pipe Upgrade

\$92,619.00

Description of Change:

Bids were opened on this project in October 2007; however, administrative delay and accommodating the Raging Water theme park's operation caused the construction to be delayed to September 2008. It will be necessary to compensate the contractor for an increase in contract cost to upgrade the pipe materials since the originally specified pipe is no longer available. The cost was negotiated with the contractor as provided in Subsection 3-2 of the contract specifications.

Financial Information:

This project budget is funded by Net County Budget Cost from prior year savings in the Department of Parks and Recreation's Operating Budget, the transfer in fees from the sale of Raging Waters water park allocated in C.P. No. 86716, and Flood Control District funding.

This change will be funded by the \$304,291.00 allocated for change orders by the Board on February 6, 2008, Agenda Item 26.

Revised Contract Amount:

Original contract amount	\$1,521,454.00
Change in work to be authorized	<u>92,619.00</u>

REVISED CONTRACT AMOUNT

\$<u>1,614,073.00</u>

PMT:en